

In the Claims

Claims 1 – 16 (Cancelled)

17. (Currently Amended) A thermoplastic resin structure formed of a resin composition that comprises (a) from 55 to 80% by volume of a polyamide resin and (b) from 20 to 45% by volume of a polyphenylene sulfide resin, with a selected melt viscosity ratio and having a morphology observed by electronic microscopy such that the polyphenylene sulfide resin (b) forms a matrix phase (continuous phase) and the polyamide resin (a) forms a disperse phase.

18. (Previously Presented) The thermoplastic resin structure as claimed in claim 17, for which the blend ratio of the polyamide resin (a) and the polyphenylene sulfide resin (b) is such that the former accounts for from 60 to 75% by volume and the latter for from 25 to 40% by volume.

19. (Cancelled)

20. (Currently Amended) A thermoplastic resin structure formed of a resin composition that comprises (a) from 55 to 95% by volume of a polyamide resin and (b) from 5 to 45% by volume of a polyphenylene sulfide resin, with a selected melt viscosity ratio and having a morphology observed by electronic microscopy such that the polyamide resin (a) forms a continuous phase and the polyphenylene sulfide resin (b) forms a laminar disperse phase.

21. (Previously Presented) The thermoplastic resin structure as claimed in any of claims 17, 18 and 20, further comprising (c) from 0.5 to 200 parts by weight of an inorganic filler relative to 100 parts by weight of the total of the polyamide resin (a) and the polyphenylene sulfide resin (b).

22. (Previously Presented) Moldings of the thermoplastic resin structure of any of claims 17, 18 or 20, formed by at least one method selected from the group consisting of injection molding, injection compression molding and compression molding.

23. (Previously Presented) Containers for transportation or storage of liquid chemicals or gases obtained by working the thermoplastic resin structure of any of claims 17, 18 or 20.

24. (Previously Presented) Attached parts for containers for transportation or storage of liquid chemicals or gases obtained by working the thermoplastic resin structure of any of claims 17, 18 or 20.

25. (Previously Presented) A multi-layer structure with a barrier layer, in which the barrier layer is formed of the thermoplastic resin structure of any of claims 17, 18 or 20.

26. (Previously Presented) The multi-layer structure as claimed in claim 25, wherein a neighboring layer is formed on one or both surfaces of the barrier layer, and the neighboring layer is a thermoplastic resin layer differing from the thermoplastic resin structure that forms the barrier layer.

27. (Previously Presented) The multi-layer structure as claimed in claim 26, wherein the thermoplastic resin forming the neighboring layer is at least one selected from the group consisting of polyolefin resins, thermoplastic polyester resins, polyamide resins, polycarbonate resins and ABS resins.

28. (Previously Presented) The multi-layer structure as claimed in claim 27, wherein the thermoplastic resin forming the neighboring layer is high-density polyethylene.

29. (Previously Presented) The multi-layer structure as claimed in claim 26, further comprising an adhesive layer formed between the barrier layer and the neighboring layer.

30. (Previously Presented) The multi-layer structure as claimed in claim 25, formed by co-extrusion.

31. (Previously Presented) The multi-layer structure as claimed in Claim 25, formed into multi-layered tubes or multi-layered blow moldings by co-extrusion.

Claims 32 - 40(Cancelled)

41. (New) The thermoplastic resin structure as claimed in claim 17, wherein the selected relative viscosity is from 1.0 to 7.0.

42. (New) The thermoplastic resin structure as claimed in claim 20, wherein the selected relative viscosity is from 1.0 to 7.0.